

COC# 100

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CHAIN OF CUSTODY REPORT

Work Order #: M106063

CLIENT: BRISTOL				INVOICE TO: BRISTOL				TURNAROUND REQUEST in Business Days* <div style="display: flex; justify-content: space-around; font-size: small;"> <div>Organic & Inorganic Analyses</div> <div>STD.</div> <div>Petroleum Hydrocarbon Analyses</div> <div>STD.</div> </div> <div style="display: flex; justify-content: space-around; align-items: center;"> <div> <div style="border: 1px solid black; padding: 2px;">10</div> <div style="border: 1px solid black; padding: 2px;">7</div> <div style="border: 1px solid black; padding: 2px;">5</div> <div style="border: 1px solid black; padding: 2px;">4</div> <div style="border: 1px solid black; padding: 2px;">3</div> <div style="border: 1px solid black; padding: 2px;">2</div> <div style="border: 1px solid black; padding: 2px;">1</div> <div style="border: 1px solid black; padding: 2px;"><1</div> </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">OTHER</div> <div style="font-size: x-small;">Please Specify</div> </div> <div style="font-size: x-small; margin-top: 5px;">*Turnaround Requests less than standard may incur Rush Charges.</div>															
REPORT TO: ANNE KRANAWETTER				P.O. NUMBER: 21090																			
ADDRESS: AMCHITKA ISLAND, ALASKA																							
PHONE: 907-770-0974		FAX: 770-0975																					
PROJECT NAME: AMCHITKA				REQUESTED ANALYSES																			
PROJECT NUMBER: 21090																							
SAMPLED BY:																							
CLIENT SAMPLE IDENTIFICATION		SAMPLING DATE/TIME																					
1. OIAMAGT01SL		6/21/01 1535		X																			
2. OIAMAGT02SL		6/21/01 1540		X																			
3. OIAMAGT03SL		6/21/01 1545		X																			
4.																							
5.																							
6.																							
7.																							
8.																							
9.																							
10.																							
11.																							
12.																							
13.																							
14.																							
15.																							
RELINQUISHED BY: Charlie Marshall				FIRM: BRISTOL				DATE: 6/21/01				RECEIVED BY: Tim McBlair				FIRM: NCA				DATE: 6/21/01			
PRINT NAME:				FIRM:				TIME: 1633				PRINT NAME:				FIRM:				TIME: 16:33			
RELINQUISHED BY:				FIRM:				DATE:				RECEIVED BY:				FIRM:				DATE:			
PRINT NAME:				FIRM:				TIME:				PRINT NAME:				FIRM:				TIME:			
ADDITIONAL REMARKS:																TEMP:		PAGE OF					



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541.383.9310 fax 541.382.7588

6 December, 2001

Anne Kranawetter
Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 06/21/01 16:33. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson
Environmental Group Leader

Work Orders included in this report:

M106063



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Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
06/22/01 11:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMA9T01SL	M106063-01	Soil	06/21/01 15:35	06/21/01 16:33
01AMA9T02SL	M106063-02	Soil	06/21/01 15:40	06/21/01 16:33
01AMA9T03SL	M106063-03	Soil	06/21/01 15:45	06/21/01 16:33

C.O.C. # 100

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

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Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
06/22/01 11:43

Hydrocarbon Identification per NW-TPH Methodology North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
01AMA9T01SL (M106063-01) Soil					Sampled: 06/21/01 Received: 06/21/01				
Gasoline Range Hydrocarbons	ND	10.1	mg/kg	1	NWTPH HCID	06/21/01	06/21/01	0106071	
Diesel Range Hydrocarbons	ND	25.3	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	50.5	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>100 %</i>	<i>50-150</i>							
01AMA9T02SL (M106063-02) Soil					Sampled: 06/21/01 Received: 06/21/01 A-01				
Gasoline Range Hydrocarbons	ND	10.1	mg/kg	1	NWTPH HCID	06/21/01	06/21/01	0106071	
Diesel Range Hydrocarbons	10500	25.2	"	"	"	"	"	"	E-01
Heavy Oil Range Hydrocarbons	1410	50.3	"	"	"	"	"	"	D-11
<i>Surr: 1-Chlorooctadecane</i>	<i>114 %</i>	<i>50-150</i>							
01AMA9T03SL (M106063-03) Soil					Sampled: 06/21/01 Received: 06/21/01				
Gasoline Range Hydrocarbons	ND	10.0	mg/kg	1	NWTPH HCID	06/21/01	06/21/01	0106071	
Diesel Range Hydrocarbons	ND	25.1	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	50.2	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>94.9 %</i>	<i>50-150</i>							

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06/22/01 11:43

Hydrocarbon Identification per NW-TPH Methodology - Quality Control

North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 0106071 - TPH-HCID (WA)

Blank (0106071-BLK1)

Prepared & Analyzed: 06/21/01

Gasoline Range Hydrocarbons	ND	10.0	mg/kg
Diesel Range Hydrocarbons	ND	25.0	"
Heavy Oil Range Hydrocarbons	ND	50.0	"

<i>Surr: 1-Chlorooctadecane</i>	<i>10.8</i>		<i>"</i>	<i>10.0</i>	<i>108</i>	<i>50-150</i>
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North Creek Analytical - Mobile Lab

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06/22/01 11:43

Notes and Definitions

A-01 Acceptance criteria for gas and oil CCV exceeded high. Sample results are non-detect and are not affected. DoD QSM Draft 5.9.4.2.E.1

D-11 Detected hydrocarbons in the heavy/oil range appear to be due to overlap of diesel range hydrocarbons.

E-01 Estimated value. The reported value exceeds the calibration range of the analysis.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.

wet Sample results reported on a wet weight basis (as received)

RPD Relative Percent Difference

North Creek Analytical - Mobile Lab

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Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from: \\sisters\elmnt\Report\M106063 FINAL 06 22 01 1143.mdb Default Report (not modified)
M106063-02	NW-HCID mod	Heavy Oil Range Hydrocarbons	D-11
M106063-02	NW-HCID mod	Diesel Range Hydrocarbons	E-01
M106063-02	NW-HCID mod		A-01